

HEADQUARTERS
ARMY ELECTRONIC PROVING GROUND
Fort Huachuca, Arizona

SIGPG-AMAE 601

22 Aug 1955

SUBJECT: Acquisition of Real Estate

TO: Chief Signal Officer
Department of the Army
Washington 25, D. C.

1. In order to implement the installation of a Decca Navigator System for use at the Army Electronic Proving Ground as a primary position standard, it is necessary to procure real estate outside the limits of the Fort Huachuca Military Reservation for the purpose of erecting transmitting antennas. The Decca System is to be used immediately upon completion of installation to provide primary position data for AEPG Project Nr. One, Air Traffic Control and Navigation System, and subsequently, to provide similar data for other AEPG Projects which require this service.

2. The real estate requirements of the Decca Navigator System are as follows:

a. Three (3) lots, 500 feet by 500 feet each, located at the vertices of a triangle whose sides enclose the airways to be used by AEPG Project Nr. One.

b. Right-of-way easements as required to provide access and electric power to these lots.

3. Two of these three lots lie on U. S. Government property, one near Douglas, Arizona on a National Guard Rifle Range and the other near Tucson, Arizona in the Coronado National Forest. Separate action has been initiated to procure these lots. Right-of-way for power and access will, however, be required at both sites.

4. The third lot must be located near Willcox, Arizona to preserve the desired spatial relation between transmitting antennas.

5. Description of this real estate required is as follows:

a. Right-of-way (near Tucson, Pima County, Arizona).

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(1) As shown on inclosure, right-of-way is required along one of two alternate routes for pole line and road construction.

(a) Through Sec 25, T 12 S, R 13 E and Sec 25, T 12 S, R 13 E to existing power line.

(b) Through Sec 35, T 12 S, R 13 E and Sec 26, T 12 S, R 13 E to existing power line.

(2) An access road will be constructed only as far as U. S. Highway 80, but the pole line must continue westward, as shown, to reach existing electric power facilities.

b. Right-of-way (near Douglas, Cochise County, Arizona). The right-of-way and authority to construct a power line required is along the state highway from the SW $\frac{1}{4}$ of Sec 10, T 24 S, R 28E through Sec 16 to the intersection of Sec 8, 9, 16, and 17, and then along the section line between Sec 16 and 17 to the intersection with the commercial power line at the Douglas Municipal Airport.

c. Land (near Willcox, Cochise County, Arizona).

(1) Two alternative lots will be described in the order of preference:

(a) Any 500 foot square lot in Sec 36, T 13 S, R 24 E. Right-of-way as above will be necessary unless lot is contiguous to road.

(b) Any 500 foot square lot in the NE $\frac{1}{4}$ of the SW $\frac{1}{4}$ of Sec 5, T 14 S, R 25 E or the NE $\frac{1}{4}$ of NW $\frac{1}{4}$ of Sec 5, T 14 S, R 25E. Right-of-way as above will be necessary unless lot is contiguous to road.

6. Leases and/or right-of-way easements for the area and routes described are required beginning not later than 1 November 1955 for a period of one (1) year, with an option to renew the leases or easements for additional monthly or yearly periods as required.

7. Additional information as required by OCSig ϕ Standard Procedure Comptroller 19 is furnished as follows:

a. No major alterations or repairs are necessary to adapt this property to its intended use. The Decca installation will consist of one radio antenna, 150 feet high with guy wires and buried counterpoise extending to a radius of 200 feet and a temporary building which

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will house electronic equipment.

b. These facilities are not in lieu of any previous requests for lease or purchase of real estate..

c. Funds have not as yet been allocated for these facilities.

d. It is impossible to provide a cost estimate at this time as the information available at present is insufficient.

e. The buildings will be occupied by at most five people on an intermittent basis.

f. Unless these facilities are made available, the Decca System cannot be installed. This will not only seriously impede the execution of tests on AEPG Project Nr. One but future projects as well.

g. The Decca Navigator System does not replace any presently or previously existing facility.

h. Unless these facilities are made available, the monies paid in purchase and rental of Decca equipment will be wasted. This amounts to about forty-seven thousand (47,000) dollars. Estimates of loss resulting from the lack of the Decca System are difficult to make as its usefulness extends far into the future. This equipment is scheduled to be installed under contract beginning not later than 1 November 1955, and delay in the acquisition of the real estate required will result in greatly increased contract costs.

8. Request authority to obtain services of the South Pacific District Engineers' Office through Commanding General, Sixth Army, to obtain leases and/or right-of-way easements to facilities required.

FOR THE COMMANDING GENERAL:

1 Incl
Maps re Real Estate
desired f/Decca
Navigator System

s/t/ H. F. Seck
H. F. SECK
Maj, SigC
Actg Asst Adjutant General

SIGCS-1b (22 Aug 55) 1st Ind
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DA, OCSigO, Washington 25, D. C., 30 August 1955

TO: Commanding General, Army Electronic Proving Ground, Fort Huachuca,
Arizona

The authority requested in para 8, basic communication is granted.

BY COMMAND OF MAJOR GENERAL O'CONNELL:

1 Incl
n/c

s/t/ William G. Skinner
WILLIAM G. SKINNER, JR, Lt Col, SigC
Executive, Comptroller, Division
for ELMER L. LITTELL
Colonel, Signal Corps
Comptroller

SIGPG-CE 601

2nd Ind

(22 Aug 55)

SUBJECT: Acquisition of Real Estate

HEADQUARTERS, Army Electronic Proving Ground, Fort Huachuca, Arizona 14 Sep 1955

TO: District Engineer, Los Angeles District, Corps of Engineers, US Army,
P. O. Box 17277, Foy Station, Los Angeles 17, California

It is requested that necessary action be taken by your office to acquire certain parcels of land and right-of-ways as described in basic letter.

FOR THE COMMANDING GENERAL:

1 Incl
n/c

s/t/ H. F. Seck
H. F. SECK
Maj, SigC
Actg Asst Adjutant General